



Griesbach Bugle



PUBLISHED UNDER AUTHORITY OF THE GRIESBACH ASSOCIATION

ISSUE No. 85

COVERING THE GRIESBACH AND NAMAO AREAS — CIRCULATION 1600

JANUARY, 1964



— PRELUDE TO EXERCISE POLAR SIEGE
— DND PHOTO

THE GRIESBACH BUGLE

Published monthly at Griesbach, Alberta, at end of each month under authority invested in the Griesbach Council.

Printed by the Alberta Printing Co., Edmonton, Alberta
 Editor in Chief Maj. Gen. J. M. Rockingham, CB, CBE, DSO, ED, CD
 Editor Maj. D. H. Pennie
 Assistant Editor Sgt. R. M. Sheppard
 Sports Editor Capt. W. O. Botting
 Advertising Manager Mr. H. Dales

Business Phone GR 9-8411

Address all enquiries to the Editor, The Griesbach Bugle
 Headquarters Western Command, Griesbach Barracks Edmonton, Alta.
 Advertising — Phone GR 9-8411, Local 362

News and Circulation — Phone GR 9-8411, Local 326
 After Duty — Phone GR 7-6291

DEADLINE 12 FULL DAYS BEFORE THE END OF THE MONTH.

Authorized as second class mail by the Post Office Department
 Ottawa, and for payment of postage in cash.

SUBSCRIPTION NOTICE

As a gift subscription or to those interested in keeping abreast of local events after their departure from Griesbach and wishing to receive future issues, please complete the following on the basis of \$1.00 per year:

TO: The Editor,
 Griesbach Bugle,
 Griesbach Barracks,
 EDMONTON, Alberta.
 Enclosed is Money Order in amount of \$..... to cover
 years subscription to the GRIESBACH BUGLE.
 Please mail my copy to:

Name:

Address:

City/Town:

A New Year's Message from the Griesbach Association Chairman

At the close of the old year, vitality imparted by the organizer, Major Joe Johnston, The Fair provided an afternoon and evening of fun for all the family, and varied financial support for many of the community groups that worked very hard preparing for this event.

The High School Book rental program continued again this year, and some 180 students took advantage of this arrangement. There is little doubt that the success of this venture is due to the efforts of Capt. Fred Daniels of the School Board.

Under the diligent direction of Major Ty Cobb, assisted by some thirty ladies of the community, the library was re-opened in February and proved to be very popular. Currently there are over 2,000 members, and more are joining each month. The new librarian, Major John Hodge is continuing to expand and improve the library, and there is a continual need for more volunteer help if the current high standard is to be maintained.

The 1963 Community Fair was a success due to the drive and

sidents, and some financial assistance to the council.

Sports activities — baseball, hockey, badminton, tennis, the rifle club, — and many others — have been busy through the year. Many of the men in camp have given up considerable of their own time to coach young people and ensure the success of these events. It is not possible to give credit by name to those that helped, but the Community Council sincerely wishes to thank all for their work.

The Scouting and Guide groups involve more than 600 of the younger residents of Griesbach, as well as many of the adults that provide the necessary leadership. Capt. Bill Botting, Mrs. Frank Murphy, and Mrs. Sheila Debney have capably organized the Scouts and Guides, an endeavor that has proved so beneficial to this community. More leaders are needed, and your Council appeals to you to come and assist.

The summer band concerts held during June proved to be entertaining, and attracted a large turnout from all residents of Griesbach. Capt. Herb Jeffries and his musicians are to be congratulated for their enjoyable contribution to the community.

In the immediate future, it is planned to put new lighting on the community rink to give better facilities for hockey and the extensive free skating periods now available. It is proposed to eventually build a windbreak to enable more use of the rink during the breezy western winters.

Early in the New Year, it is anticipated that the sundries outlet and the Centre for the Teens of Griesbach will be opened in the new building adjacent to the library. A Teen committee, assisted by Major Des Tucker and the GYPA Advisory Group, are now planning the organization and operation of this centre to provide a pleasant locale for all our teenagers.

In the coming year, the majority of the activities will continue, and wherever possible be expanded to accommodate all interested members of the association. This can be accomplished only if all residents of Griesbach actively participate in and encourage all community events. To those who have assisted through the year, the Council gives its warmest thanks for their past efforts and trusts they will continue to help in the progress of their community.

To all residents of Griesbach, your Community Council wishes a happy and prosperous New Year.

Griesbach Council News Briefs

The Griesbach Teen Centre is now nearing completion. This building will house the Teen Centre and a sundries outlet, which will be moved from its present location. A meeting was held between the Griesbach Young People's Association, the St. John's Chapel Young Peoples Association and an Adult Advisory Group to discuss membership and a temporary constitution. It is expected that the Centre will be ready for occupancy in mid-January.

Arrangements have now been made for the Post Office parking to be moved, in the near future, from its present location to the 13 Coy RCASC parking lot immediately east of the Post Office.

The Musical Programs given by the PPCLI Band at No. 1 School came under discussion with regard to the attendance. It was decided to hold one more program with increasing advertising. If attendance does not increase, program will be discontinued.

The Girls' Gym class is expected to get underway sometime in January. Four young ladies are presently being trained as instructors.

The council discussed the subject of art classes for children. An investigation will be made as to a suitable teacher and demand.

The behaviour of some of the young people at the skating rink came under discussion. It was not the fault of the rink supervisor. It was suggested that the rink be policed but it was felt that if more visits were made to the rink by adults the rowdyism could be curbed.

17 ROD has agreed to allot a portion of the vehicle compound for use as a trailer park during the winter months for the residents of Griesbach.

The new lights for the skating ring will be installed shortly. The windbreak is in hand but it is possible it will not be installed until sometime in January.

Safe Driving Week was a success and the winners have been announced elsewhere in this edition of the Bugle.

The Junior Rifle Club is again being organized. At the present time the subject is being discussed and the details will be announced.

The subject of the High School Book Rental Plan came up for a great deal of discussion. Capt. Daniels left council with some points to be thought over and discussed. This subject will be a point of further discussion by the Council.

The Swap Shop

The Swap Shop clearance sale, held on November 28th and extended to December 2nd was not too successful; however, our purpose to clear out all the old items has been achieved. The Shop will be closed until Monday, January 6th as we did not feel we had anything to offer the Xmas shopper, and who has money for anything else these next few weeks. The ladies in charge of the Brownie Penny Auction, advertised elsewhere in this issue, approached us for any discards we might have to add to their collection. Practically the entire contents of the shop were turned over to them, to use or discard as they saw fit. We trust this will meet with the approval of former owners of these items, as all the money earned will go to the Brownies in the camp, and again any unsold items will be given to charity.

NOTICE
 The Guide and Brownie Mothers Local Association will hold their regular meetings every 3rd Tuesday of the month in the Staff Room at No. 1 School at 8:00 p.m.

All mothers most welcome

FIRE CALLS

Alarms answered by the Griesbach Fire Department in the month of November:

November 4, 1010 hrs. — Northwest of Camp (farm house).

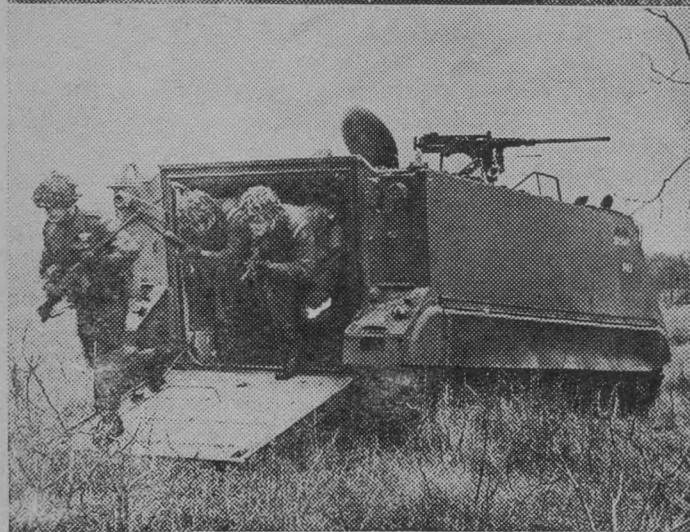
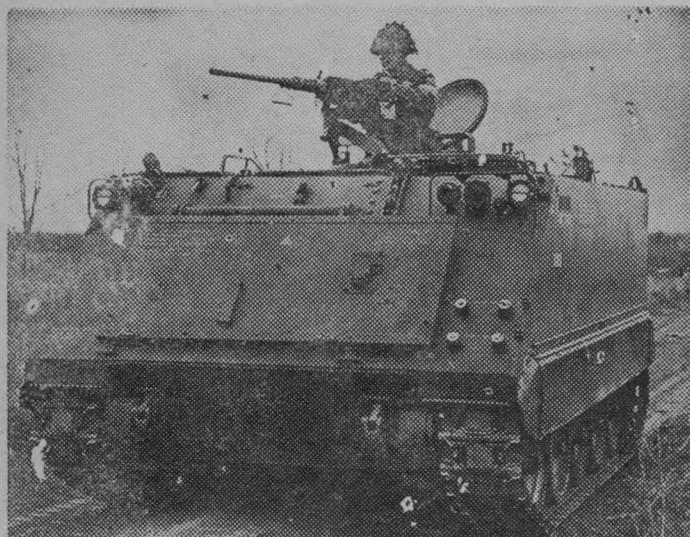
November 4, 1110 hrs. — In ROD Warehouse (precautionary).

November 9, 0500 hrs. — Mullin Block (precautionary).

November 11, 1920 hrs. — Turnip Lake School (rubbish).

November 21, 1716 hrs. — 149 Ave. and 105 St. (kitchen).

NEW VEHICLE FOR ARMY



Troops of the 2nd Battalion, The Canadian Guards from Camp Petawawa try out the M-113 armoured personnel carrier to be purchased for the Canadian Army. The 10-ton American vehicle is full-tracked, amphibious and capable of extended cross-country mobility over rough terrain as well as high speed operation on improved roads. Armed with a .50 calibre machine-gun, it carries 12 infantrymen and a driver, may be used as a cargo vehicle, litter vehicle, for reconnaissance, and may be para-dropped.

National Defence Photo

Land, Water and Space a Defence Research Board Year-End Roundup

OTTAWA — While space activities played a role in the Defence Research Board's program during 1963, other important projects with direct defence scientific application continued to progress satisfactorily.

HYDROFOIL — THE NEW CONCEPT

The sequel to 12 years of hydrofoil research carried out at the Board's Naval Research Establishment (NRE) in Dartmouth, N.S., is the RCN development project for the design and construction of a 200-ton prototype hydrofoil craft by deHavilland Aircraft at Milton, Ont. This experimental ship will be 150 feet long and capable of speeds approximating 50 knots. The designers are aiming at producing an experimental ship suitable for evaluation tests in rough sea conditions. NRE is continuing to contribute to the project with fundamental research on hydrofoil systems.

THE PROBLEM OF RE-ENTRY

A new and sophisticated research facility at the Canadian Armament Research and Development Establishment (CARDE), at Valcartier, Quebec, began operations on June 13 with the official opening by Dr. A. H. Zimmerman, DBR's Chairman, of a new hypersonic range for aerodynamic tests and for examining the effects of bodies re-entering the earth's atmosphere.

Small projectiles, some instrumented with miniature transmitters, are fired at supersonic speeds down a range evacuated of air to simulate upper atmospheric conditions. Their behaviour, and the

(Cont. on page 6)

SAFE DRIVING WINNERS



Five winners of Safe Driving Awards during the first week of December were recently presented with five dollar cheques donated by the Griesbach Association. Major Jack Treleaven, Command Provost Marshal, is shown making the presentations to, from left, Cfn. C. A. Buckley, Cpl. D. D. Lyons, Sgt. D. M. Russel and Mrs. Dorothy Brost. Not present for this photograph was another winner, Mrs. D. Green.

RCOC WINS ANNUAL COMMONWEALTH SMALL BORE CHALLENGE MATCH

The Director of Ordnance Services has announced that RCOC has won the Commonwealth Army Ordnance Small Bore Challenge match for 1963. This is indeed a climax to the RCOC Diamond Jubilee year.

The RCOC were victorious over teams from the UK, Australia, New Zealand, India and other Commonwealth countries who participate in this annual competition.

Team members are selected from RCOC units across Canada

on the basis of highest scores made by those taking part. 17 ROD is proud to have a member on this year's winning team in the person of Sgt. W. M. Webb.

Sgt. Webb has been on previous RCOC teams which represented Canada in these matches and has an enviable record for consistent marksmanship of the highest calibre. Congratulations is in order and also a large RAOC Rifle association medal will soon be on its way to be added to his collection of trophies.

"SEE THE WORLD" Not Only for the Navy

CAMP RAFAH, Egypt — Travel to such far-off and exotic places as Beirut, Cyprus, Baalbek and Cairo is not just for the rich nowadays. Canadian soldiers serving with the United Nations Emergency Force in the Middle East have an opportunity of visiting all these places during their one-year hitch in Egypt.

Each soldier of the force gets 30 days leave during his tour of duty and may also take advantage of UN-arranged tours of from three to six days to Jerusalem, Cyprus, Alexandria, Aswan, Luhor, El Alamein, Cairo or Beirut. Costs of tours range from \$25 to \$90 depending on travelling distance, length of stay and other factors.

Life for Canada's 900-man contingent along the southeast Mediterranean coastline can be hard, dull, lonely and monotonous. Temperatures during most of the year dictate that the soldiers begin their job at 7 a.m. and quit early in the afternoon — unless essential for more than 21 days.

duties keep the patrolling a strip of the Sinai Desert or some other necessary task.

There is a well-rounded program of sports and recreation, movies, hobby shops and even a milk bar in the Canadian camp at Rafah. But this doesn't satisfy most soldiers' urge to travel to new places and see new sights.

During the winter months, the UN force has a leave centre in Cairo and provides free transportation to the Nile city, along with free meals and accommodation at selected hotels for one-week periods. In the hot summer months the leave centre moves to the cooler climate of a 3,000-foot mountain overlooking Beirut in Lebanon.

If a soldier is not interested in Cairo or Beirut or any of the organized tours, he may travel anywhere at his own expense on three weeks leave. Regulations prohibit him being absent from his unit for more than 21 days.

PROMOTED



EDMONTON, Alberta — Captain M. D. Mandzuk of Prince Albert, Sask., has been promoted to that rank while serving as Officer-in-Charge of the Militia Pay Section, Headquarters Alberta Area in Edmonton.

A member of the Royal Canadian Army Pay Corps, Capt. Mandzuk received his education at Prince Albert Collegiate Institute and joined the Canadian Army in 1956.

He served in various pay appointments in Edmonton and at Headquarters, Fort Churchill, before receiving his appointment in February of this year.

His wife Jeanne and two children, Teresa Mary, aged four, and Robert Dean, aged two, reside in Griesbach Barracks, Edmonton.

A TRUE GENTLEMAN

Judge: "Your wife claims you haven't spoken to her in five years. Why is that?"

Man: "I didn't feel I ought to interrupt."



Famous Canadian Army Badges

GENERAL LIST

The General List includes all officers (generals, brigadiers and colonels of the general staff).

However, the badge shown is only worn by officers of the General List in the rank of lieutenant-colonel and below. These officers serve in special categories such as lawyers, band inspectors and public relations officers.

There are no non-commissioned members in the General List. They are allied to no particular corps but instead wear the Royal Coat of Arms, designed to represent Canada.

The motto "A Mari Usque Ad Mare" (From Sea to Sea) alludes to Canada extending from the Atlantic to the Pacific.

2 PPCLI Report

GENERAL

On Friday, 20 December, 1963, our annual Men's Christmas Dinner was held. On this day at noon the Officers, Warrant Officers and Senior NCOs of the Battalion and Depot served a fine dinner to the troops. QMS Popp and his kitchen staff spent long hours preparing the meal and they deserve much praise for the dinner was excellent!

Music was supplied by the PPCLI Band under the direction of WO 1 Eberts. Christmas carols were sung by the troops led by the marvellous voice of Captain T. K. Crichton, 2IC of A Coy. Telegrams of good will were read and both the CO Home Station Lieut.-Col. E. M. K. MacGregor and CO PPCLI-Depot Major G. T. Henderson delivered Christmas addresses.

CPLS' MESS ACTIVITIES

Recently an election was held to decide the new mess committee

members; the following are the results.

PMC — Cpl. M. Chimko; Secretary — Cpl. S. E. Kellington; Treasurer — Cpl. K. A. Reynolds; V/PMC — Cpl. A. L. Tupper.

On this holiday season the new PMC wishes to extend a hearty welcome to all the new members of the mess, many who have recently arrived from 1 PPCLI.

The mess has been holding Happy Hours twice monthly with 10 cent beer being the main attraction. A buffet of meats and cheese is also featured.

The mess held a Hard Times Dance on 8 November, 1963, which was very well attended. We're sure all who came out will agree that it was quite a success.

Incidentally for those interested in "sports" the mess Dart Team is currently in second place within the City of Edmonton Dart League. This is a mean feat as organiza-

entered.

A New Year's Eve Ball will be held as usual and indications are that it will be even more of a success than those held in previous years. A large crowd is expected to attend and bid farewell to 1963! At this point the PMC on behalf of the mess would like to extend a Happy New Year to all members of the Armed Forces and their families in the Edmonton area.

As a footnote, congratulations are to be extended to Cpls. Kellington, Miller, Hokan, Gilmour, Howard, Lemieux, and Lyons on their recent promotions from Lcp.

To close, this Unit wishes everyone a Happy New Year — may this holiday season be the finest.

LEOPOLDVILLE, The Congo — A Belleville soldier, Corporal J. C. (Barney) Barnhart, has been nominated "master craftsman" by members of the United Nations in The Congo.

The 36-year-old corporal, a member of the Royal Canadian Engineers, was posted to The Congo in August as unit carpenter of No. 57 Canadian Signal Unit. Since his arrival he's remodelled the unit's kitchen, built a meat safe to protect the rations against rodents and insects, repaired equipment, built several storage areas and, in his spare time, helped members of the unit with any odd jobs they needed done.

His 22 years of experience as a carpenter started in Belleville where he helped his father with saw and hammer when he was 14. Since then he's carried on his trade in the far north of Canada and in Korea. Working on the construction of the Donjek River bridge in the Yukon was his biggest project. There, he helped to build the 35-foot forms for the bridge.

Cpl. Barnhard has noticed a great difference in materials between The Congo and Canada. "I was amazed," he said, "when I arrived in Leopoldville and noticed

the floor of our mess tent was made from two by six mahogany planks. It sure took a while to get used to the idea that people use this valuable wood here just like we use pine at home."

He takes a keen interest in watching the local cabinetmakers working in outdoor shops, making high-grade furniture by hand. "The steel in their tools is not up to our standards and the wood they use is as hard as black walnut. It isn't unusual to see them sharpening their tools every half hour," he said.

THE RCAF'S CHRISTMAS

Hot blistering sands, frigid snow-swept outposts, alien surroundings, and strange customs were the environs of many members of the Royal Canadian Air Force on Christmas day.

In sharp contrast to the traditional Canadian Christmas with its snow, Christmas trees, and family gatherings, members of the RCAF serving with the United Nations Forces in Africa and the Middle East celebrated Christmas in an entirely different fashion. For the majority it was just another working day as RCAF aircraft patrolled the vast expanses of sand called the Gaza strip. In the Congo, RCAF officers and men worked as usual Christmas day, supporting United Nations forces in that country.

In the middle-east country of Yemen, in a strange land far from their homes and families, 50 RCAF officers and men were busy fulfilling their duties as part of the eight nation United Nations observing team.

In the western Europe, far from their comrades in the Middle East, RCAF officers and men were on continuous alert Christmas day. Aircrew of the RCAF's operational squadrons in France and Germany were listening to Christmas music and thinking of their families, but they were also waiting for the call on the scramble line, telling them to man their jets. The ground crew had the aircraft ready to go.

In entirely different environs, surrounded by swirling snow at outposts in a semi-circle around the North Pole, RCAF radar operators and aircraft controllers manned the DEW, Pinetree and Mid-Canada radar defence system. There is no break in the defence system schedule: twenty-four hours every day of the year radars rotate and aircraft movements are followed in the operations centres.

To be sure, not everyone in the RCAF was on duty over the Christmas holidays. Every effort was made to have as many as possible home with their families, and the familiar RCAF traditions such as the officers serving the airmen their Christmas dinner, was still carried on.

Podersky's Furniture

SERVING EDMONTON OVER 50 YEARS

NORTH SIDE — 9905 JASPER AVENUE

Free Parking on McDonald Parking Lot

SOUTH SIDE — 10422 WHYTE AVENUE

TERMS TO SUIT YOU

TRADE-IN'S ACCEPTED

BINGO

No. 1
School

Jan. 15
8:15 p.m.

EDMONTON'S NEWEST DRIVE IN HOTEL

ROSSLYN MOTOR HOTEL

135 Ave. and 97th Street
At Edmonton's North City Limits
on Highway No. 28.

- Shopping Centre
- Free Parking
- Bath, TV and Radio in every room
- Licensed Dining Lounge
- 10 minutes from City centre.

SINGLE ROOMS \$6.00 DOUBLE
\$7.00



"...we bought
it through
MY BANK"

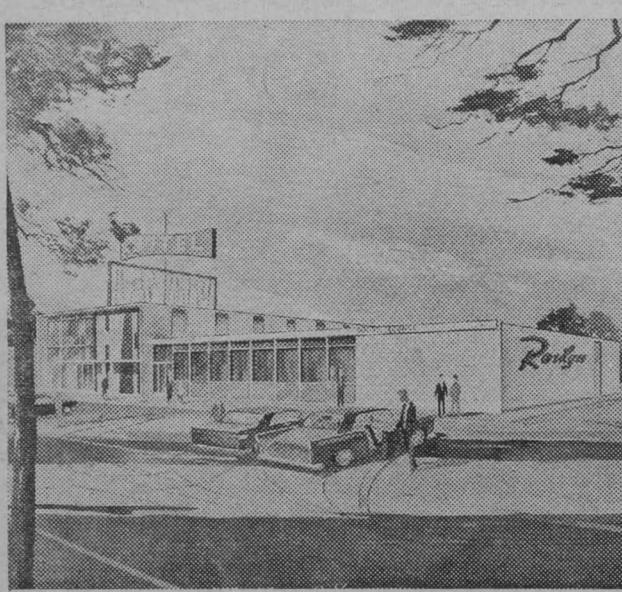


BANK OF MONTREAL

Family Finance Plan

LOW-COST LIFE-INSURED LOANS

GRIESBACH BARRACKS, Sub-Agency
Open every Friday from 4:30 to 6 p.m.



"I Can Get It for You Wholesale"

LEOPOLDVILLE, The Congo — A never-failing source of amusement to Canadian soldiers serving in The Congo is the haggling and dickering that goes on when they shop for souvenirs in the Congolese market places.

The African merchants take great delight in vigorous bargaining with all their prospective customers — and if they happen to be foreigners that gives added spice to the business.

The Canadians, for their part, consider this style of shopping a sport.

The rules of the game are simple and go something like this. The bazaar merchant starts off with, "Hello there, comrade, you my friend, how much you speak for dees?" The wary soldier replies, "How much you speak?" Then the hard bargaining begins.

The salesman names his price. The wily customer counters with an offer that is less than half that. The merchant puts on a hurt look, calls the shopper a bandit, and the dickering goes on. Nearby merchants gather round, and other bystanders take a keen interest in the proceedings.

Offers are made and rejected, bitter recriminations are uttered and finally the customer says, "How much is your last price?" The merchant answers, the soldiers says it's too much and walks away.

To a newcomer, it looks like the deal is off. However, as the soldier starts to leave the coveted article is placed in his hand and the final rock bottom price is whispered to him.

He's hooked. The soldier pays a few more francs than his last offer and departs, proud of his ability as a hard bargainer. And instead of making a killing, the merchant sighs sadly at only getting a 50 per cent profit on the article.

VISIT TO THE PAST



A liberal leave policy allows Canadian soldiers of the UN Emergency Force in Egypt cheap and educational travel to areas associated with the birth of civilization. Within easy reach the Roman ruins at Baalbek, in Lebanon, (LEFT) with its ancient temples of Bacchus, Jupiter and Venus, and modern and renowned annual music festival; the wonders of the Giza Sphinx (CENTRE)

and Pyramids, eight miles west of Cairo and the fascinations of the famed Nile River; and perhaps the most inspiring part of the world, the Holy Land's traditional sites of sad and joyful events in the life of Our Lord such as the old walled city of Jerusalem (RIGHT), and the nearby Mount of Olives, Shepherds Field, and town of Bethlehem.

National Defence Photo

RELIANCE MOVING AND STORAGE CO. (EDMONTON) LTD.

**30,000 Square Feet Modern
Palletized Storage**

Your inspection welcome at anytime

14445 - 123 AVENUE

GL 4-4567

Nite & Holidays

599-7473

479-5329



Agent for United

GEORGE'S CYCLE SHOP LTD.

Corner 94 St. & 118 Ave.
Ph.: 474-5911

Layaway Plan for Xmas
Large Stock of Bikes, Trikes
Skates, Doll Carriages
Repair Shop for all Bikes and
Trikes at Reasonable Prices
COME and SEE

Service Personnel

Special Discounts and Trade-
In Allowances on new cars
Phone: ART PATTON
488-488-1

JACK'S IMPERIAL ESSO SERVICE

ITS TIME TO WINTERIZE

Thorough Lubrication & Tune-Up

— Licensed Mechanic on duty —

Atlas Tires, Tubes and Batteries

Free Electrical Check with Oscilloscope

134th Ave. at 97th Street

Phone GR 7-1170



SHIBLEY'S TOM BOY

Finest in Foods

WE DELIVER

Rosslyn Shopping
Centre

Phone 474-6707

PREScription DRUGGISTS

Mitchell's Drug Stores

— Three Good Drug Stores —

THE BELMONT

10769 - 95th Street

Phone GA 2-3074

MITCHELL'S

9542 - 118th Avenue

Phone GR 7-1540

MITCHELL'S

Across from Simpsons-Sears

Phone GR 7-5393

Mac's Tastee Delite

"Serving only the Best"

Malts, Shakes, Sundaes, Banana Splits, Take-Home-Packs, Fishburgers, Hamburgers, Cheeseburgers, Chips, Lunch Box Specials

Two Stores to serve you better

97th St. and 124th Ave.

97th St. and 107th Ave.

LAND, WATER, and SPACE,

(Cont. from page 3) radiations they generate, are studied in detail. By scaling upwards the data obtained, CARDE scientists are able to study the interactions that take place when a missile configuration enters the earth's atmosphere.

This research is being carried out as a contribution to the US international ballistic missile development program and the results are shared by both countries. A four-inch gas gun launcher with a muzzle velocity of 10,000 miles per hour hurls the model missiles down the range. Next year, a seven-inch gun now under test, will come into use and will permit the study of more realistic configurations at hypersonic velocities.

The new range facility is housed in a 630-foot long semi-circular, reinforced concrete building. The diameter of the range is 10 feet and its atmospheric pressure can be reduced to simulate altitudes up to 250,000 feet. The facility can be operated by remote control.

A 500 TON BANG

Scientists at Suffield Experimental Station (STS) at Ralston, Alta., are busy this year designing and constructing complex measuring equipment for next summer's 500-ton TNT detonation, a major experiment in the SES shock and blast research program. Two detonations of 20 tons each and two of five tons each were conducted this year to confirm the results of previous similar experiments and to obtain data required for 1964's massive chemical detonation.

FLOATING LAB

Scientists of the Board's Pacific Naval Laboratory (PNL), at Esquimalt, B.C., watched with satisfaction the keel-laying of AGOR 171, to be named CNAV Endeavour, a specially designed research ship ship to be operated by the RCN for the Esquimalt defence research scientists who specialize in maritime investigations.

The Endeavour will be the first Canadian ship specially designed, built and equipped as a floating laboratory for maritime defence research. The research program will centre primarily on underwater acoustic and anti-submarine warfare investigations in support of RCN operations.

The ship's overall length will be 235 feet, its breadth 38 feet six inches and its displacement will be 1,465 tons. She will be capable of cruising 10,000 miles and a bulbous-shaped bow and stabilization tanks will reduce pitching and minimize roll to facilitate the work of the seagoing scientists. Two large marine research laboratories will be staffed by 14 PNL scientists and two hel-

icopter crew members will assist a ship's crew of 36 in supporting the scientists. Special provision is being made for carrying a naval helicopter aboard.

During the past year, PNL continued studying the behaviour of underwater sound in the ice-covered waters of the Canadian Arctic as part of its anti-submarine warfare research program.

Another PNL activity which takes the scientists into Arctic areas is the investigation of low-frequency electromagnetic phenomena. This involves the measurement of small variations of the earth's magnetic field known as "micropulsations" and promises to be of increasing military importance.

Supported by the RCN and the RCAF, PNL scientists studied natural magnetic phenomena from a station on the ice covering Barrow Strait near Resolute on Cornwallis Island. Records of natural electromagnetic "noise" and its variations from point to point are expected to prove valuable in the design and use of future magnetic detection systems.

SPACE AND THE ALOUETTE

In the field of space research, the Defence Research Medical Laboratories (DRML), at Downsview near Toronto, is contributing usefully to one aspect of the US man-on-the-moon program. The Downsview laboratory was invited to participate in this particular space project because two of the laboratory's scientists, Dr. Walter Johnson and Dr. Kenneth Money, have extensive experience in the field of high altitude physiology.

The DRML scientists are exposing monkeys to various laboratory tests preparatory to flights into space by the animals, varying in time from a fortnight to four weeks. The monkeys will be employed to study the effects of weightlessness and other physiological phenomena encountered by astronauts circling the earth in spacecraft and will be studied on their return to earth by scientists from the Downsview laboratory and from the US Naval School of Aviation at Pensacola, Fla., on behalf of the US National Aeronautics and Space Administration (NASA).

In another joint program with NASA, Defence Research Telecommunications Establishment (DRTE) scientists, in association with others interested in studying the ionosphere in efforts to improve long range radio communications, are continuing to analyse scientific data being transmitted to earth stations by DRB's Alouette topside sounder satellite which celebrated its first birthday in space

on September 30. The spacecraft has exceeded in every aspect the technical performance hoped for by the DRTE scientists and engineers who designed and constructed it. In addition, Alouette is adding substantially to man's understanding of the atmospheric envelope called the ionosphere which surrounds the earth.

As of December 1, after 14 months of operations, Alouette has shown no signs of failure apart from the normal and expected decrease in solar cell efficiency from the cells and from damage resulting from man-made upper atmospheric radiations.

It has been unnecessary to switch on any of the satellite's spare components and the scientists plan further operations for about another 12 months. During Alouette's 14 months of operation, the spacecraft has orbited the earth 5,837 times and in doing so, travelled 168,000,000 miles. It executed 15,143 commands and provided 2,406 hours of telemetry transmissions which have resulted in the production of 3,150 miles of magnetic tape containing scientific data.

Alouette's usefulness in providing new information about the upper atmosphere resulted in an invitation from NASA for the design and construction of a series of four additional satellites to be called Alouette 2 and ISIS A, B, and C. Their primary experiments will continue to investigate the ionosphere and Canadian industry will participate actively in their design and construction. Detailed discussions about the experiments to be carried in the new satellites are now taking place between DRTE and NASA.

A substantial share of the Board's resources continued to be devoted during 1963 to operational research, a modern technique of applying scientific methodology to problems involving organizations and systems. This relatively recent technique is employed widely by DRB and the Services in clarifying and solving a variety of problems. Principal emphasis this year was devoted by the Board scientists and specialist Service officers to the roles of the Armed Forces and to their equipment policies.

Dr. C. J. Edwardh

B.Sc., D. D. S.
DENTIST

OFFICE HOURS:

9:00 to 12:00 — 1:00 to 6:00

Phone GR 4-3251

Killarney Shopping Centre

12937 - 97th Street

EDMONTON ALBERTA

WASHINGTON VISITOR



Attorney General Robert F. Kennedy greets Capt. Earl C. Digweed, 13 Company RCASC, one of the allied students attending the Subsistence Technology Course at the US Army Quartermaster School, Fort Lee, Virginia, during a visit to Washington. (Posters on mahogany wall in background are drawings done by the Kennedy children.)

REMEMBER!

"Brownie Penny Auction"

MONDAY, JANUARY 20th, 1964

7 p.m. in the P.T. Lounge

BRING THE YOUNGSTERS!
AND YOUR SMALL CHANGE.

WE WILL ACCEPT BILLS!

If you still have items to be picked-up, please call:
474-5559 — 474-4247 — 474-2163 — 477-2482
or evenings:

GR 7-7214 — 474-7747

and we will arrange pick-up.

Last pick-up Jan. 18th, between 9 a.m. and 12 noon

ODEON BOWL

ROSSLYN SHOPPING CENTRE

FREE BOWLING CLINIC

EVERY TUESDAY

From 1:30 to 3:00 p.m.

starting December 3rd

Ph. 474-6113



**Specializing in the
Needs of Servicemen**

FAMILY PLANS,
EDUCATIONAL POLICIES,
etc.

NORTH AMERICAN LIFE
ASSURANCE CO.
402 Bentall Bldg.
Edmonton, Alta.

BERT GAGNE Bus. GA 4-0426 Res. GL 5-4771

POMC Registration Griesbach Garrison 1964

All POMC entering Griesbach Garrison (except those owned by casual visitors) must be registered at the Edmonton Provost Detachment and a new type, valid vehicle sticker must be obtained.

This new type Registration Sticker is being taken into use effective 1 January, 1964. All persons bringing their POMC's into Griesbach Garrison after that date must obtain a sticker in accordance with the following:

METHOD OF REGISTRATION

General —

All POMC owners are advised to report to Edmonton Provost Detachment at 10 SDB, Griesbach Barracks, on purchasing their 1964 licence plates. All POMC bearing 1964 license plates that do not have the new Western Command Sticker displayed will be escorted or towed out of Griesbach Barracks at the owner's expense. All POMC must be registered by 31 March, 1964. New arrivals will register POMC within 7 days of reporting for duty.

Documents Required —

To assist in his registration, the following documents are required to be produced at the time of registration:

Valid Alberta Driver's License.

Valid Insurance Card (PINK).

1964 Provincial Vehicle Registration.

Cost —

No charge will be made for the vehicle stickers.

Times for Registering

Vehicle registration will be carried out at the Edmonton Provost Detachment, Bldg. E-1 during the following hours only:

DAILY:

1000 hrs. to 1200 hrs.

1500 hrs. to 1630 hrs.

Display of Stickers —

The vehicle stickers will be affixed to the lower left corner of the windshield ONLY.

EXPIRY RATE

The registration sticker will remain valid until the expiry date of the insurance policy or one year from the date of purchase whichever is earliest. At this time it will be necessary to renew the registration and obtain a new sticker. The stickers become invalid on posting of members.

Gift Presentation 17 ROD

At a meeting held early in December, the personnel of 17 ROD elected to forego any Christmas celebrations in favor of presenting a billiard table to the Home for Children of Ex-Servicemen located here in Edmonton. It is expected that the table will be delivered early next month.

DEPARTURES

QMS (WO 2) J. W. Budge, formerly of the RCS of I, Camp Borden, has been warned for duty in the Middle East and will be leaving for the sunny climes in January. The Budge family will be headed for Oakville, Ont., where they will reside until he returns to Canada. Instructions have been issued to WO 2 Budge not to start moving sand piles as they usually do so of their own accord anyway. Watch your diet, John W. The Stores Distribution Section will miss WO 2 Budge's services.

Cpl. M. J. F. Wilson, of the Stock Control Wing, is also departing in January. He will be employed with the OFP in Europe. Best wishes for a safe journey, and a speedy re-union with your family who are to follow.

Junior Rifle Club

The minimum age for members of the Junior Rifle Club has been lowered to 12 years. Boys or girls wishing to join may do so at the PPCLI miniature range at 1900 hours any Monday after 1 Jan., 64. Shooter must provide their own 22 rifle. It must be of the sporting type and have a rear sight adjustable for windage and elevation. Shooters under the age of 16 years, when carrying a rifle, must be accompanied by an adult to and from the range.

Makes City League

Leslie Swonterek, son of Pte. and Mrs. C. Swonterek of 10427 - 149 Ave., has been selected to play hockey in the City League. He plays the position of Forward on Westwood Rink. Congratulations Les, keep up the good work.

Dr. Mackim Kushniruk
B.Sc(A), M.D. L.M.C.C., F.A.G.S.
Physician and Surgeon

12939 - 97th St., Killarney

X-RAYS — LABORATORY

Hours: 1:00 to 6:00 p.m.

Mon. — Sat.

Office Phone GR 4-0836

Res. Phone 488-7878

BANK where you shop

in the
**ROSSLYN SHOPPING
CENTRE**

13546 - 97th St.
Branch

adjacent to Griesbach
Barracks

Ask about

TERMLPLAN LOANS
(to help cut your
borrowing costs)

and
SAFE DEPOSIT BOXES
(for those things you
can't afford to lose)



ROYAL BANK

FAIRWAY GROCERY

12931 - 97th Street

Phone GR 4-1592

A complete line of
Groceries, Fruit and
Vegetables

at reasonable prices.

Friendly Service

— We Deliver —

Alberta Cycle & Motor Co. Ltd.

HOCKEY

EQUIPMENT

Skate Exchange

9131 - 118th Avenue

Ph., GR 7-2334

Dairy Products are GOOD and GOOD for YOU



Northway ESSO Service

BOB COXFORD

12433 - 97th Street

Edmonton, Alberta

Phone GR 7-7617

FREE PICK-UP and DELIVERY SERVICE

Specializing in Complete Tune-up ATLAS TIRES

BATTERIES & ACCESSORIES, WHEEL BALANCING

Don't freeze-up, get your Anti-freeze early

Universal Household Movers Ltd.

YOUR "APPROVED" INDEPENDENT MOVER

OUR FLEET OF FINE VANS AND WELL TRAINED
OPERATORS QUARANTEE A TROUBLE FREE MOVE
FOR YOU.

YOUR FURNITURE IS SAFE AND WELL CARED FOR
WHEN YOU STORE IN OUR 'LOCK FAST' PALLETS.

For the Personal Touch Call

474-1333

NIGHTS 455-3458

8629 - 129 Ave., EDMONTON



Transportation Is Right Now!

The Place . . . EDMONTON MOTORS

North Branch

on 97th Street, Just North of 118th Avenue

O. K. Used Cars

Awaiting your choice . . . fine cars from every leading manufacturer, reconditioned to our OK Warranty standards and priced to give you Edmonton's greatest "dollar-for-dollar" value!

**EDMONTON
MOTORS**

Chevrolet, Oldsmobile, Cadillac, Corvair, Envoy,

Chevrolet Truck Dealer.

Church News



St. John's Chapel CHURCH NEWS

Morning Worship 11:00 a.m.
 Supervised Creche and Kindergarten 11:00 a.m.
 Bible Class, 13 years up — Conference Room 9:45 a.m.
 Sunday School, 4 - 12 years — No. 1 School 10:45 a.m.
 Senior Youth Group — Alternate Sundays 7:00 p.m.
 Holy Baptism, by arrangement with Chaplain — Local 533
 Holy Communion (ACC) every Sunday 9:00 a.m.
 also on 1st Sunday 12:00 noon
 Holy Communion (UCC) announced 12:00 noon
 W.A. meets every 2nd and 4th Tuesday 8:00 p.m.
 Choir Junior, Wednesday 4:00 p.m.
 Senior, Wednesday 7:30 p.m.

St. John's Chapel Sunday School

We would like to take this opportunity of thanking all the parents and members of the congregation of St. John's Chapel who attended our Christmas Pageant. The response to the White Gifts was very good and I am sure that through effort of the Sunday School we have helped in a small way to make Christmas a happier one for some needy families. Once again THANK YOU ALL VERY MUCH.

Our teacher's clinic will be commencing next month at a date to be announced in the Church Bulletin. We extend an invitation to our present teachers and helpers and more especially to adult members of the congregation and members of the St. John's Chapel Young People's Association. The problem of supplying teachers for all our classes has always been one of our biggest problems and it is hoped that by holding this teacher's clinic, we will be able to alleviate this situation.

"For twenty long and wonderful years," mused the gentleman at the bar, "my wife and I were deliriously happy."

"Then what happened?" asked the bartender.

"We met."

AL-ANON

— FOR A FRIEND IN NEED

For years, while Alcoholics Anonymous was helping problem drinkers, there was nothing comparable for their wives and families. Yet those familiar with alcoholism know it as a highly recurring disease since it is, among other things, an illness. In relationship with others, those who live with an alcoholic become to a greater or lesser degree, victims of fear, despair and remorse. Their experiences bring scars of their own.

The origin of Al-Anon goes back about fifteen years when small groups of people began, out of a great need, to get together in separate parts of the country to exchange insights and helpful hints in meeting their mutual problems. It still remains an informal type of organization whose sole objective is helping those whose lives have been upset by living with an alcoholic.

Can't See Problems Living with Victim

One Al-Anon wife explains, "Those who live with a practicing alcoholic become very near-sighted in their perspective because they are so involved in coping with the tragic effects of the alcoholic's escapades and behaviour they cannot see that this is a complex disease with social, mental, physical and economic complications. They see it only as a lack of love for the family, a serious moral defect, or simply as a lack of will power."

Al-Anon members have found that the Twelve Steps which lead their alcoholics to a better way of meeting life, works in their own situation too, and possibly one towards personality recovery.

Members accept alcoholism as a disease, partly physical, partly mental neurosis that has no cure but that can be arrested as can diabetes. They also recognize that not all alcoholics are rehabilitated and while they don't give up hope, they do learn that each must depend on his own inner core of spiritual strength and maturity for happiness. If they become confused, neurotic, selfish and introverted, they will not be happy even if their alcoholic stops drinking.

From another standpoint, Al-Anon helps families to better understand and thus become less hostile to the drinking member. Their participation makes the progress of the alcoholic much faster, since the malaise is being attacked from all quarters.

The program is even credited with helping to arrest the progress of alcoholism before the drinker hits bottom, something that was once not believed possible. Families of Alcoholics Can Learn to Cope With Problem at Al-Anon

What is an Al-Anon meeting like?

It is a gathering of people whose only qualification for membership is having a family member or friend with a drinking problem.

There are women and men whose spouses have been sober for months or years. There are others whose loved ones are still floundering. Occasionally a member joyfully reports her husband who seemed so hopeless a week ago has gone to AA for help and hasn't had a drink for three, four or five whole days.

A motherless teen-ager may say her Dad is still drinking but now she recognizes it as a sickness and she isn't so ashamed as she was. Another member may say her husband is out of work and next morning a member's husband calls to offer a job.

Recognizing the problem is the important and difficult thing because alcoholism is not easily defined. One psychiatrist says the AA probably have the most workable definition. They describe an alcoholic as a compulsive drinker or one whose drinking has resulted in some area of his life getting out of control.

One study shows three general characteristics — depression, aggression and an inability to communicate. The depression is hostility directed against self and aggression against others. Lack of communication appears to be universal.

Group Gaining Support

Al-Anon helps the problem drinker since it has an effect on his family relationships, an area in which he has undoubtedly been having trouble. For this reason AA did not always give Al-Anon its blessings although the organization is now gaining firm boosters among AA members. At first, however, the AA couldn't visualize an Al-Anon meeting (composed mainly of wives) as anything but a gossip session in which the girls vied with each other to tell the most terrible story about her husbands drinking.

Ranks of Al-Anon swell as word of its helpfulness becomes better known. Ministers, physicians, and other professional persons, social service workers, attorneys are learning about this family group meeting and referring more and more of their clients.

Has Been Effective

While the indirect effect on the alcoholic is not intentional, it has been effective in many instances. When a wife goes to Al-Anon the atmosphere at home becomes less tense and more agreeable. The result may be that the husband becomes curious and seeks out the AA program. But the wife has

gone to Al-Anon strictly to help herself.

One couple came before the minister of their church, their marriage foundering, constantly fighting the rule of their lives, and divorce in the offing. The husband was a compulsive drinker and gambler. The wife had been managing their affairs, handling all the details of their lives, making all the decisions. She joined Al-Anon. He kept on drinking.

With help at the Al-Anon meetings, she received suggestions about controlling her temper, the admonition to "take it easy". At

first she could see no faults of her own. But it was not long before she began to recognize some of her own actions that were adding fuel to the fire. Her husband tried AA but with reservations and relapses. Eventually through many crises which they weathered with wise guidance, the young couple learned to be honest with themselves and one another. He had some debts he hadn't admitted and fears about how to stop drinking. She had practiced some deception on her own part. With confidence and respect once again restored in their relationship, both began to grow. Their marriage is on firm ground again.

Jasper Auto Salvage

BOX 390

ST. ALBERT

PH. 599-6621

WESTERN CANADA'S LARGEST AUTO
WRECKERS

USED, REBUILT AND NEW PARTS
AT LOWEST PRICES

Phone Us First

Torgness Ltd.

MEN'S WEAR and MILITARY SHOP

No Alteration Job Too Large
Or Too Small

TWO STORES TO SERVE YOU

Rosslyn Shopping Centre — 10427 Jasper Avenue
Phone 474-6695 Phone 422-0355

SAFEWAY



**FINER FOODS
AT EDMONTON'S
LOWEST PRICES**

Shop Satisfied

Day After Day At Your
Neighborhood Safeway Store

The Home of Superb Meat

GRIESBACH DRUGS

Rosslyn Shopping Centre

Drugs - Cosmetics - Gifts - Toys - Greeting Cards - Magazines
Free Delivery -- Phone 474-6161

CLASSIFIED SECTION

A free community service to Bugle Readers. Courtesy of Griesbach Drugs

To place an ad in this space, bring it to Griesbach Drugs. Please, no phone calls.

MAY WE TAKE THIS OPPORTUNITY TO WISH OUR MANY CUSTOMERS AND FRIENDS A HAPPY AND PROSPEROUS NEW YEAR.

GRIESBACH DRUGS

FOR SALE:

Thistle convertible baby carriage with sun canopy. Crib and springfilled mattress 48 x 24. wooden high chair. Phone 474-4683

De Vilbiss vaporizers — 10% off regular price. — Griesbach Drugs.

Walnut students desk. Handmade — Danish style. Phone 477-7692.

Transistor 6 Radios — regular \$18.95 special \$14.95. While they last. Griesbach Drugs.

Records. Latest hit tunes. Visit the Record Bar. Griesbach Drugs.

One 28" No. 33 Cree target bow laminated with sight.

One 26" No. 25 laminated bow with sight. Phone GR 4-3648.

WANTED:

An opportunity to serve you. Open 9 a.m. to 10 p.m. weekdays. Sundays 12 noon to 9 p.m. Griesbach Drugs.

Protection against colds? Take Paramette Vitamin Tonic. Griesbach Drugs.

Recipes for P.P.C.L.I. JUBILEE COOK BOOK. Submit to:

Mrs. GILLAN, 477-5245,

PMQ 269;

Mrs. FERGUSON, 474-6549,

PMQ 26.

NOTICES:

Post Office services now available 9:00 to 5:30 p.m. Griesbach Drugs.

Free Delivery to Namao on orders of \$2.00 or over. Griesbach Drugs.

BEAUTY CARE:

DuBarry Cosmetics have been added to our Revlon and Max Factor lines. Griesbach Drugs.

Homes for 4 kittens 6 weeks old. Phone 474-4655.

CHILD CARE:

Baby oil, powder, soap, children's aspirin. Choose from our complete stock of children's health needs. Griesbach Drugs.

Will babysit for working mother in my home. Griesbach. 477-7692.

Will babysit. My home New Year's Eve. 13520 - 101 Street. Phone GR 9-2183.

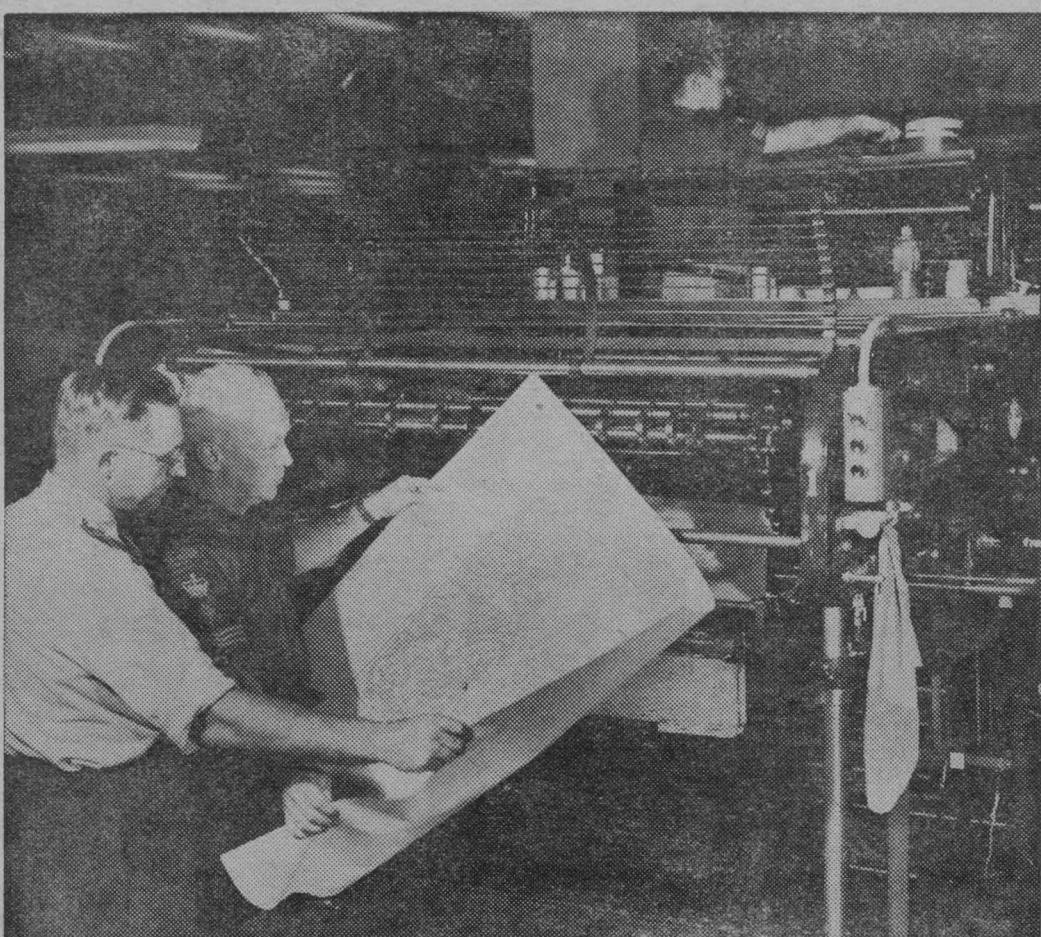
Hard working sixteen year old boy willing to babysit. Phone Jay Anderson at 479-5080.

RUSH MAP PRODUCTION

The Army Survey Establishment in Ottawa recently demonstrated their map making ability in an exercise to urgently complete a six-colour topographical sheet. With little basic field information, charts and an old map of a different size, they completed the usually lengthy process in just over 48 hours.



Here, Quartermaster Sergeant (WO 2) Cecil Oliver (left), of Cobourg, Ont., and Corporal Joe Power, of Grand Falls, Nfld., locate ground detail on an existing map before Cpl. Power begins photo interpretation.



Captain Tom Frith (left), of Toronto, and Staff Sergeant Norm Thompson, of Eganville, Ont., check the finished map right off the press.



Copyright 1963
H. C. Chadderton.

(Being another letter from Myrt to her best friend and former neighbour).

Dear Kit.

Guess what! The floor polisher broke down. It's not surprising, considering that it is a pretty old model — (let's say somewhere over twenty-five years). I guess maybe the bearings are getting a little rusty.

Moreover, they tell me these new machines are much improved — you just have to plug them in and hold on.

I spoke to George the other day about the problem. Told him: "George — the floor polisher has finally worn out. We need a new one."

"I didn't even know we had such a thing," George replied.

"We've got one alright — ME". I answered.

"Oh", George says: "that's no problem — I'll polish the floors. Look at all the money it will save us?"

It didn't take long. Two weeks on his hands and knees with the buffer pad and George was plenty glad to talk about floor polishers — and I mean electric ones!

About a week later I saw an ad which read "WHILE THEY LAST — FLOOR POLISHERS — \$24.95." I'd never heard of the store — some flashy new outlet — but I did check the price in my catalogue. This was a well-known brand and it sold in most stores for about \$39.50. Well, well, I thought: "at \$24.95 it looks like a real bargain." George took one look at the ad and announced: "It's a come-on."

I was going to argue with him but lately he has been right about a few of these things. It seems that he heard some kind of a lecture on financial counselling — and darned if the information he picked up there hasn't been pretty accurate.

Anyway, I decided to investigate for myself, and went off to the store with \$24.95 in cash. Ye gods . . . what a surprise! The salesman, a real sharpie, refused to sell the floor polisher for cash.

"Sorry, Madam," he smiled sweetly . . . "We'll have to charge

it for you." He brought out the contract and started to fill in the figures. A dollar ninety-nine a week for thirty weeks — I multiplied it out. It came to \$59.70.

"Hold up, Buddy," I screamed: "Your ad said \$24.95. Here's twenty-five bucks, keep the change and give me my machine."

You should have seen him go into his act. He babbled all over the place. "Demonstrator — can't take an order — this is our credit price." Finally, I put down the \$25.00 and made a quick grab.

I was a little faster than he was, but I forgot one detail . . . he had the cord tied to a table leg. I was still fuming when I got home. By the time I had finished describing the experience, I thought Georgie would die laughing.

"Like they say," says Georgie in tones of great wisdom: "What he loses on the peanuts he makes up on the popcorn."

"Don't you get gay with me," I warned.

"No, seriously. Myrt, these stores are willing to lose money on the price of the article so long as they can make it up on the credit contract. You see, you not only have to shop for the price of the goods, but you have to shop for the price of the credit."

So much for the peanuts-popcorn deal. About a week later, I saw another ad in the paper. I always stick to name brand stuff. Here was another well-known floor polisher — and the price this time was \$15.95. I called the number and the next afternoon the salesman brings in the floor polisher. What do you know — it's a rebuilt job. He gives me the old line of guff . . . admits he works for a bunch of sharpies . . . and that the rebuilt machine is no good. Then he brings in a brand new machine.

I was going to throw him out but my curiosity got the better of me. The machine was a "Fantasia" which is a make this little girl never heard of and I don't think very many other people have either. He gives me a big sales pitch and then I get a real fiendish idea.

"How about a demonstration, friend?", I say.

"Absolutely, Madam." I had washed the kitchen floor so I started him there. By the time he had waxed and polished the kitchen, I had the living-room and dining room ready. When he saw that his face fell but I've got to hand it to him. He might have been stupid but the kid had guts.

He plunged on with the machine, still trying to give his sales pitch over the whine of the motor. By the time I got the kids' bedroom cleaned and waxed he was wise to the gag . . . but I guess he figured that old Myrt

was a force to be reckoned with. Anyway, he lugged the machine upstairs — and finished the bedroom floors for me.

I was enjoying a cigarette and a magazine when he came down. The poor guy looked beat and his sales pitch had lost a lot of steam.

"I guess you really don't want to buy this machine, do you?" he said.

"No, not for your price of \$65.00 — or for any other price for that matter — but thanks a lot for the polish job!"

How did our hunt for a floor polisher end? Like always, Kit, I checked and double-checked and finally got the best possible price for a name brand. Then I went to a reliable dealer and bought it for cash.

Georgie says he loves the new floor polisher — but not as much as he loves the old one . . . isn't he a sweet guy?

Sincerely, Myrt.

PPCLI Depot

WE WISH YOU ALL A HAPPY AND PROSPEROUS NEW YEAR NEW ARRIVALS

Forty one hopefuls arrived during December in time for the Christmas dinner. If they survive the meal, served to them by the Officers and Senior NCOs, they will start training on the Jan., 1964, as Frezenberg Platoon. They will be qualified soldiers one week before the day they were named after — 8 May, 1915 — Battle of Frezenberg.

COURSES

Capt. Mel Canfield returned from his one man invasion of Camp Borden. His methods of instruction will be tops now. Whilst in Borden Capt. Canfield presented a PPCLI Plaque to Brig. W. Moogk, Commander Camp Borden to be hung in the Headquarters Officers Mess.

SPORTS

What with 5BX and Curling the Depot Permanent Establishment are getting into shape. Seems that accepting the position as Lead is more arduous than being in detention.

PROMOTION

Congratulations are extended to our hard working PT Sgt. — Harding my name — who was promoted to QMSI (WO 2) effective 1 Nov., 63.

COURSES

Sgt. J. C. Irvine after a short rest in hospital is now busy preparing for his Senior NCO course. Who ever heard of studying standing up?

JUBILEE

1964 is PPCLI Jubilee year. All pens are poised, typewriters oiled, committees formed and all systems are GO. Hope you will all be here to join in our celebration.

It Happened this Month

HISTORICAL BRIEFS OF THE CANADIAN ARMY

1 JANUARY, 1907

Canadian Army Pay Corps organized.

4 JANUARY, 1944

End of the Battle of the Moro River, Italy.

5 JANUARY, 1943

Canadian Army detachment arrives in North Africa.

3 JANUARY, 1954

2nd Battalion, The Canadian Guards activated (see 16 Oct.).

10 JANUARY, 1862

Victoria Rifles of Canada organized (during period of Anglo-American tension resulting from American Civil War) as the "3rd Battalion, Volunteer Militia Rifles," and later "The Victoria Volunteer Rifles of Montreal."

12 JANUARY, 1916

Order-in-Council authorizes increase of troops to 500,000 in First World War.

13 JANUARY, 1871

Hon. Alphonse Desjardins appointed Minister of Militia and Defence.

16 JANUARY, 1880

Hon. Sir Alexander Campbell appointed Minister of Militia and Defence.

16 JANUARY, 1905

British troops withdrawn from Halifax Fortress (Fortress at Hali-

21 JANUARY, 1878

Hon. Alfred Gilpin Jones appointed Minister of Militia and Defence.

25 JANUARY, 1892

Hon. Mackenzie Bowell appointed Minister of Militia and Defence.

31 JANUARY, 1862

The Black Watch (Royal Highland Regiment) of Canada organized as the "5th Battalion, Volunteer Militia Rifles, Canada" and later "The Royal Light Infantry of Montréal."

31 JANUARY, 1919

The Minister of Militia and Defence approved of Maj.-General Otter's Committee for re-organization of the Militia of Canada. (Recommendations adopted provided for home defence army of eleven infantry and four cavalry divisions, substitution of territorial for former numerical designations and perpetuation of CEF battalions.)

13 COMPANY RCASC NEWS

Happy Hang Overs Everybody.

At the time of writing, we have survived the Sergeants' Mess Turkey Draw and the Annual Company Christmas Party and hope we can cope as successfully with the interim entertainment.

The Company Christmas Party, held in the PT Lounge, was very well attended and highly successful. Our thanks here and now to all the fellows who worked so hard to make it a success. We won't name names because we might overlook someone, however, we are sure you know who we mean.

A couple of our members will not be quite as broke as usual come January. Jimmy Smith came back from a Fire Fighters Course in Chilliwack wearing a crown over his three stripes and our Food Service Officer came back from a course in the USA wearing his third star. How does one manage courses like that?

Captain Digweed reports a very interesting time on his course including a meeting with Attorney General Robert F. Kennedy, during a visit to Washington. (Photo elsewhere in this issue). His third star was presented with gusto by

the Commandant of the School in Fort Lee, Virginia, accompanied by bands, flags and popping flash bulbs in the middle of the afternoon, which rather broke up classes for the day.

Captain Digweed just made it home in time for our Christmas Party, and is back in action curling with "Young Tom" Southwood's rink.

Congratulations to Mr. MacLean on those new shiny wings you are wearing.

HAPPY NEW YEAR TO ALL!

AVON PRODUCTS

PHYLLIS HIDSON

PMQs 1 — 224

Phone GR 9-6435

PMQ 215

SCOTTY HANSON

PMQ's 225 — 491

736 — 759

Ph. GR 9-0353

PMQ 386



Bugle Food Service Monthly Recipes



In this issue we are featuring recipes to use up left-overs from Christmas and New Year.

JELLED TURKEY AND HAM LOAF

(Serves 10 to 12)

4 cups thinly-sliced celery	4 envelopes (4 tbsp.) unflavored gelatin
1/4 cup butter	1/2 cup cold water
1/4 cup flour	2 hard-cooked eggs, sliced
4 chicken-bouillon cubes	8 small sprigs parsley
1 cup boiling water	3 cups finely-chopped cooked turkey
1/2 tsp. salt	3 cups finely-chopped cooked ham
1/8 tsp. pepper	Salt and pepper
1/4 tsp. nutmeg	
1 cup light cream	
2 egg yolks	

Cook celery in a small amount of water until tender-crisp. Drain. Heat butter in saucepan. Blend in flour and let bubble up together. Remove from heat. Dissolve bouillon cubes in boiling water. Add to flour-butter mixture all at once, stirring to blend. Return to moderate heat and stir until thick and smooth. Add 1/2 tsp. salt, 1/8 tsp. pepper and nutmeg.

Beat cream and egg yolks together until well blended. Add to hot sauce gradually, stirring constantly. Bring to boiling point and remove from heat.

Add gelatin to cold water. Soak 5 minutes. Add to hot sauce. Stir until gelatin dissolves. Decorate bottoms of 29 x 5 x 3-inch loaf pans with egg slices, parsley. Spoon in thin layer of mixture and taste. Add salt and pepper if desired. Pour mixture into prepared pans and chill several hours or until set. Unmold and cut in thick slices to serve.

SAVORY TURKEY OR CHICKEN PIE

(Serves 8 to 10)

1/4 cup butter or turkey or chicken fat	1 cup cooked sliced carrots
1 cup sliced fresh mushrooms	1/2 cup thinly-sliced cooked celery
1/4 cup chopped green pepper	4 cups (approx.) Stewed Chicken or Roasted Turkey
1 1/2 tsp. salt	6 slices back bacon, cut in large pieces and fried
1/4 cup flour	6 hard-cooked eggs, sliced
1/4 tsp. pepper	Biscuit dough for cover
2 cups chicken stock	Milk
1 cup light cream	
1 cup cooked peas	

Heat oven to 425 degrees. Butter a 3-qt. casserole.

Melt chicken fat or butter in saucepan. Add mushrooms and green pepper and cook gently until tender.

Sprinkle in flour, salt and pepper and let bubble up together. Remove from heat and stir in chicken stock and cream all at once. Return to moderate heat and cook and stir until thickened and smooth.

Remove from heat and stir in cooked vegetables and chicken

ALBERTA SIGNAL SQUADRON

To most of us the next few minutes taken to read this article may be worth money. Through the application of simple arithmetic we can easily arrive at the true rate of interest being charged when buying on time.

Use as an example, a radio-television combination or washer and drier combination retailing for \$499.90 (\$500.00 including the cost of writing a cheque). However, given a smooth sales pitch such as: "Take article now and pay nothing for six months when the first \$90.00 payment is due. Then only five more payments of \$90.00 each gives you the set." All this in a year you say.

First of all they have loaned you \$500.00 for 6 months because of no down payment until June. For the next 6 months the amount loaned is the original \$500.00 decreased by each monthly payment of \$90.00.

On a monthly basis your loan will amount to:

or turkey. Put bacon in bottom in prepared casserole. Top with egg slices. Pour chicken or turkey mixture over.

Prepare biscuits and lay on top of mixture.

Brush with milk. Bake about 20 minutes or until biscuit dough is browned and chicken filling is bubbling.

BAKED EGGS AND TURKEY

(Serves 6)

2 tbsp. butter	1 1/2 cups cut-up cooked turkey
1/2 cup sliced fresh mushrooms	1/2 cup toasted slivered almonds
2 tbsp. flour	2 tbsp. chopped pimento
1 tsp. salt	6 eggs
1/4 tsp. pepper	Salt and pepper
1 cup chicken stock	Butter
1 cup milk	

Toasted slivered almonds (optional)

Heat oven to 350 degrees. Butter 6 shallow individual baking dishes. Melt butter in saucepan. Add mushrooms and cook gently until tender. Sprinkle in flour, salt and pepper and blend well. Remove from heat. Add chicken stock and milk all at once and stir to blend. Return to moderate heat and cook and stir until smooth and slightly thickened.

Stir in turkey, 1/2 cup slivered almonds and pimento. Spoon mixture into prepared individual baking dishes.

Make a hollow in the centre of the sauce in each dish and drop an egg carefully into each. Sprinkle with salt and pepper and dot with butter. Bake about 15 minutes or until eggs are done but not hard and sauce is bubbling. Sprinkle with more slivered almonds if desired and serve immediately.

CORN BREAD

1 egg	2 tbsp. sugar
1 cup plus 2 tbsp. milk	3 tsp. baking powder
1/4 cup sifted all-purpose flour	1 tsp. salt
1/4 cups corn meal	3 tbsp. bacon drippings

Heat oven to 450 degrees. Grease generously a 9 x 9 x 2-inch square cake pan. Heat pan in oven while mixing batter.

Beat egg in bowl. Add remaining ingredients and beat with rotary beater just until smooth. Pour into hot pan and bake 10 to 25 minutes or until set.

Serve hot with syrup or whipped cream.

TURNIPS AND APPLES

(Serves 6)

1 medium turnip	1 tbsp. brown sugar
2 medium apples, quartered, peeled and cored	2 tbsp. butter
1/4 cup water	Salt and pepper
	Dash nutmeg

Peel turnip and cut into cubes. Put into saucepan, cover with boiling water and cook until tender. Drain and keep hot.

Put apple quarters into saucepan, add water and simmer until tender. Add apples and juice to turnips. Add sugar and butter and mash until smooth. Add salt and pepper to taste. (Turnip needs lots of pepper) and a dash of nutmeg. Beat well until blended and fluffy.

Prepared by

B. Quaintance, WO 1.



2/Lt. Knowles E. McGill, R.C.A.P.C., at present Paymaster of the PPCLI Depot, has recently completed the Parachute Course at Rivers, Man. There isn't much one can say by way of comment except that this would tend to prove that this Paymaster is a 'down-to-earth' sort of person.

EDMONTON DETACHMENT ALBERTA AREA INSTRUCTIONAL STAFF NOTES

The Officer Commanding, Officers, Warrant Officers and NCO's of the Detachment wish to take this opportunity to wish everyone the best for the New Year.

This is our first attempt at producing a monthly news column and therefore we will limit ourselves to Holiday wishes and news of recent postings from and to the Detachment, and one recent family addition.

Sgt. Aylsworth from QOR of C Depot replacing Sgt. Haskins who was with the detachment a very short time. Sgt. Haskins also QOR of C, is now stationed in Camp Borden at the RCAC School.

WO 2 Smith replaced WO 2 Del' Peters who took his release in September.

Sgt. Hayward; our hammer and nails, etc., expert RCE, is leaving in January for the Valhalla of the Engineers; Chilliwack, B.C., it is rumoured that Sgt. Hayward has some unfinished business with a large salmon or two. We wish him all the best in his new posting.

Sgt. Huges, RC Sigs, was to return to this detachment in the late fall but we have heard through our African correspondent (just like the London Times eh?) that he had received some temperature readings from this district, asked for (on bended knee no doubt) and received, an extension. We will have him with us when the weather more approximates that of the Congo.

Friday the thirteenth held no terrors for the Latham family Lt. R. Latham RCD was presented with a boy by Mrs. Latham and at last reports, Mother and son were doing fine. Congratulations to a brave father for standing up so well under the attendant strain!

\$500.00 worth of merchandise and it has only cost \$40.00 (\$90.00 multiplied by 6 equals \$540.00 less \$500.00 equals \$40.00). This is called interest and at first glance appears to be a simple 8%.

If this were all that was involved it would be simple interest but let us look at it from the view of the retailer.

First of all they have loaned you \$500.00 for 6 months because of no down payment until June. For the next 6 months the amount loaned is the original \$500.00 decreased by each monthly payment of \$90.00.

On a monthly basis your loan will amount to:

\$500.00 for 6 months is the equivalent for one month of \$3,000.00

\$90.00 payment in June, loan is \$410.00

\$90.00 payment in July, loan is \$320.00

\$90.00 payment in August, loan is \$230.00

\$90.00 payment in September, loan is \$140.00

\$90.00 payment in October, loan is \$50.00

Total of monthly loans \$4,110.00

This may be a staggering figure but quite true when representing the equivalent amounts loaned for one month. By using the age old method when com-

puting interest of "Principal times the Rate times the time equals Interest (prt equals i), we have 4150xx1/12 equals 40 then multiply both sides of this equation by 12 to remove the fraction we have 4150r equals 480 and to find r (the Rate) simply divide 4150 into 480 and the result is 11 1/2% for a true rate of interest.

A broader view could be taken by saying the retailer will only have approximately \$300.00 cash in cost value involved. So computed on this basis we find the rate equals 16% or double the simple interest rate we originally figured.

Minnedosa Soldier Top Recruit

Private Raymond Keith Delmage recently received an award for leading his recruit course at the Princess Patricia's Canadian Light Infantry Depot at Edmonton, Alberta. He is shown receiving the award from Brig. G. C. Leech, Commander, Alberta Army Area.

Private Delmage is the son of Mr. Ernest Delmage of Minnedosa.

National Defence Photo

DECORATIONS AWARDED

EDMONTON — Five Edmonton soldiers have been awarded the Canadian Forces Decoration and two the first clasp to the decoration.

They are: Major R. G. G. Buell, Royal Canadian Artillery; Sergeant D. M. Pennell, Princess Patricia's Canadian Light Infantry; Corporal D. R. Eirich, Royal Canadian Army Service Corps; Cpl. R. M. Smith, Canadian Provost Corps; and Private Z. P. Gauvin, Royal 22nd Regiment.

decoration are: Quartermaster-sergeant (Warrant Officer 2) J. E. Prior, Royal Canadian Engineers and Sergeant W. M. Laine, Royal Canadian Electrical and Mechanical Engineers.

The decoration is awarded on completion of 12 years exemplary service in the Canadian Armed Forces and the first clasp after 22 years.

Awarded the first clasp to the

RADIO CENTRE - Features

PHILCO

- T.V. - STEREO and Appliances



Low-Low Prices — Easy Monthly Terms!

Shop Radio Centre -- For Many Great Philco Buys!

One Location Only -- 10714-124 STREET

Rx
**PRESCRIPTION
FOR PAYING BILLS**

PAY 'EM OFF
WITH A LOW-COST
LIFE-INSURED

**SCOTIA
PLAN
LOAN**
**THE BANK OF
NOVA SCOTIA**

KILLARNEY SHOPPING CENTRE
97th Street and 129B Avenue
EDMONTON, Alberta

**The Best in the New Year
FOR YOU AND YOURS**
from

**Reierson Insurance Services
LTD.**

10012 - 102 Avenue or Phone GA 4-2108

THE INSURERS OF THE GRIESBACH
ASSOCIATION

**FIESTA
R-E-S-T-A-U-R-A-N-T**

"Where Dining is a Pleasure"

ORIENTAL
AND
CANADIAN
CUISINE

12929 - 97th STREET
HIGHWAY 28
EDMONTON

**FOR YOUR
TAKE-OUT CHINESE FOOD
PHONE GR 9-2514**